

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004919

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F15/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/13427 A (MCI WORLD.COM, INC; GAVAN, JOHN; PAUL, KEVIN; RICHARDS, JIM; VAN ARKEL,) 18 March 1999 (1999-03-18)	3, 4, 6-9, 21, 22, 24, 25, 31, 32, 34, 35
Y	page 24 - page 43  ----- -/-	1, 2, 5, 10-20, 23, 26-30, 33, 36-39

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

31 March 2005

Date of mailing of the international search report

13/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CHO H-J ET AL: "Fuzzy-PID hybrid control: Automatic rule generation using genetic algorithms" FUZZY SETS AND SYSTEMS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 92, no. 3, 16 December 1997 (1997-12-16), pages 305-316, XP004099447 ISSN: 0165-0114	5,23,33
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Y	----- N. LAVRAC, S. DZEROSKI: "Inductive Logic Programming: Techniques and Applications" January 1994 (1994-01), ELLIS HORWOOD , NEW YORK , XP002322861 ISBN: 0134578708 page 62 - page 158	1,2, 10-20, 26-30, 36-39
A	----- CASTELLANO G ET AL: "Automatic generation of rules for a fuzzy robotic controller" INTELLIGENT ROBOTS AND SYSTEMS '96, IROS 96, PROCEEDINGS OF THE 1996 IEEE/RSJ INTERNATIONAL CONFERENCE ON OSAKA, JAPAN 4-8 NOV. 1996, NEW YORK, NY, USA, IEEE, US, vol. 3, 4 November 1996 (1996-11-04), pages 1179-1186, XP010212572 ISBN: 0-7803-3213-X page 1179 - page 1185 -----	1-39

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Information on patent family members

International Application No

PCT/GB2004/004919

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9913427 A	18-03-1999	US 6601048 B1	29-07-2003
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		CA 2303107 A1	18-03-1999
		EP 1016024 A2	05-07-2000
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